

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/537,393
Source: P4710
Date Processed by STIC: 6/14/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,393

TIME: 08:57:48

Input Set : A:\11899.0236.PCUS00.ST25.txt

Output Set: N:\CRF4\06142005\J537393.raw

```

3 <110> APPLICANT: Guo, Xiaoli
4      Harriman, Robert
5      Lee, Lisa
6      Nelson, Erick
8 <120> TITLE OF INVENTION: Bentgrass Event ASR-368 and Compositions and Methods for
9      Detection Thereof
11 <130> FILE REFERENCE: 11899.0236.PCUS00
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/537,393
C--> 13 <141> CURRENT FILING DATE: 2005-06-02
13 <150> PRIOR APPLICATION NUMBER: PCT/US2003/ 038268
14 <151> PRIOR FILING DATE: 2003-12-03
16 <150> PRIOR APPLICATION NUMBER: 60/431153
17 <151> PRIOR FILING DATE: 2002-12-05
19 <160> NUMBER OF SEQ ID NOS: 14
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 24
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: chimeric DNA of bentgrass genomic DNA and transgene insert
DNA
32 <220> FEATURE:
33 <221> NAME/KEY: misc_feature
34 <222> LOCATION: (1)..(24)
35 <223> OTHER INFORMATION: 5' transgene/genomic junction DNA, a chimeric DNA of
bentgrass
36      genomic DNA and transgene insert DNA
38 <400> SEQUENCE: 1
39 gacatatgct taagaagaga gtcg 24
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 24
44 <212> TYPE: DNA
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: chimeric DNA of bentgrass genomic DNA and transgene insert
DNA
51 <220> FEATURE:
52 <221> NAME/KEY: misc_feature
53 <222> LOCATION: (1)..(24)
54 <223> OTHER INFORMATION: 3' transgene/genomic DNA junction, a chimeric DNA of
bentgrass
55      genomic DNA and transgene insert DNA
57 <400> SEQUENCE: 2

```

58 aattcgggtac catgtaccac gaac
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 896

24

RAW SEQUENCE LISTING

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,393

TIME: 08:57:48

Input Set : A:\11899.0236.PCUS00.ST25.txt

Output Set: N:\CRF4\06142005\J537393.raw

```

63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: chimeric DNA of bentgrass genomic DNA and transgene insert
DNA
70 <220> FEATURE:
71 <221> NAME/KEY: misc_feature
72 <222> LOCATION: (1)..(896)
73 <223> OTHER INFORMATION: 5' transgene/genomic region, a chimeric DNA of bentgrass
genomic
74      DNA and transgene insert DNA
76 <400> SEQUENCE: 3
77 aagcgagtat cctgataaga aaggaagaag acgatcgtct tgtctatggg cggggctcag      60
78 ggcgacgaca gaaccagagc ttctgtcgtg aacaaaacag ggaaggacca aagcagagga      120
81 agaggagagg aaacagagag aaagaggggg ttggtaggta cttggtggtc cctgctactt      180
83 ctccaacagc agcagaaaag aaagaagaac gaaccaaggc acaagtacgc tccaaccgag      240
85 ccatcccttt cttcccttta tcattgactt taatcatgag aaatctaatt aattaattaa      300
87 actctacgca aaaggcatat aaaattgtca attatgcaag gcagttgccc tgtttctggt      360
89 agccggttac aacacaggaa gacaaccaa agcgtcggaa aagtgaagtt agtcgaatct      420
91 gaattcaatg tgaaagattt ttgtaaagaa tgaaataaat cccgataaaa aaagaatgaa      480
93 caaaaggaaa ctaaaaaact gtggatgtga gtccaacggt taagcatatc gatgcaaacg      540
95 tgatgaagaa ccaaacgcgc cggcgggaaga cggattcccg gaagaccaa ttaaagacga      600
97 tagttgtcga gcaaacgacc aaaagaagaa gatccgacat atgcttaaga agagagtcgg      660
99 gatagtccaa aataaaaaca aggtgaagatt acctggtcaa aagtgaatac atcagttaaa      720
101 aggtggtata aagtaaaata tcgtaataaa aaggtggccc aaagtgaat ttactctttt      780
103 ctactattat aaaaattgag gatgtttttg tcggtacttt gatacgtcat ttttgtatga      840
105 attggttttt aagtttattc gcttttgga atgcataatct gtatttgagt cggggt      896
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 474
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: chimeric DNA of bentgrass genomic DNA and transgene insert
DNA
116 <400> SEQUENCE: 4
117 agattgaatc ctgttgccgg tcttgcatg attatcatat aatttctggt gaattacggt      60
119 aagcatgtaa taattaacat gtaatgcatg acgttattta tgagatgggt ttttatgatt      120
121 agagtcgccg aattatacat ttaatacgcg atagaaaaca aaatatagcg cgcaaactag      180
123 gataaattat cgcgcgcggt gtcattctatg ttactagatc ggggatatcc ccggggaatt      240
125 cgttaccatg taccacggaa cagaaaaaag aaaggccac ggttggtcag gaaacggcca      300
127 ccgcgcgagc cagcgcctca cgcctcatcc gccattccgt cgagcaccac gcacgcgcgc      360
129 ccgtgctat gtcctccg cgcgcgccct tcctcctcca ggtcctcac ccgcttcgct      420
131 cctcccgcgc cccctcgcg gtccgcgcga cgctctcagc gcacgcgcgc gcag      474
134 <210> SEQ ID NO: 5
135 <211> LENGTH: 23
136 <212> TYPE: DNA
137 <213> ORGANISM: bacteriophage M13
139 <400> SEQUENCE: 5
140 cgccagggtt ttcccagtca cga      23
143 <210> SEQ ID NO: 6
144 <211> LENGTH: 30
145 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,393

TIME: 08:57:48

Input Set : A:\11899.0236.PCUS00.ST25.txt

Output Set: N:\CRF4\06142005\J537393.raw

```

146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: synthetic DNA primer molecule
151 <400> SEQUENCE: 6
152 tgacgtatca aagtaccgac aaaaacatcc 30
155 <210> SEQ ID NO: 7
156 <211> LENGTH: 23
157 <212> TYPE: DNA
158 <213> ORGANISM: bacteriophage T7
160 <400> SEQUENCE: 7
161 taatacgact cactataggg cga 23
164 <210> SEQ ID NO: 8
165 <211> LENGTH: 30
166 <212> TYPE: DNA
167 <213> ORGANISM: Agrostis stolonifera
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (1)..(30)
173 <223> OTHER INFORMATION: ASR-368 genomic DNA primer molecule
175 <400> SEQUENCE: 8
176 cctttgtttt attttggact atcccgactc 30
179 <210> SEQ ID NO: 9
180 <211> LENGTH: 26
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: synthetic primer molecule AP1
188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (1)..(26)
191 <223> OTHER INFORMATION: artificial primer molecule AP1 from Genome Walker
193 <400> SEQUENCE: 9
194 agattgaatc ctgttgccgg tcttgc 26
197 <210> SEQ ID NO: 10
198 <211> LENGTH: 28
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: synthetic primer molecule AP2
206 <220> FEATURE:
207 <221> NAME/KEY: misc_feature
208 <222> LOCATION: (1)..(28)
209 <223> OTHER INFORMATION: artificial primer molecule AP2 from Genome Walker
211 <400> SEQUENCE: 10
212 gcggtgtcat ctatgttact agatcggg 28
215 <210> SEQ ID NO: 11
216 <211> LENGTH: 29
217 <212> TYPE: DNA
218 <213> ORGANISM: Agrostis stolonifera

```

RAW SEQUENCE LISTING

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,393

TIME: 08:57:48

Input Set : A:\11899.0236.PCUS00.ST25.txt

Output Set: N:\CRF4\06142005\J537393.raw

220	<400> SEQUENCE: 11	
221	aagcgagtat cctgataaga aaggaagaa	29
224	<210> SEQ ID NO: 12	
225	<211> LENGTH: 30	
226	<212> TYPE: DNA	
227	<213> ORGANISM: Oryza sativa	
229	<400> SEQUENCE: 12	
230	aacccgactc aaatacagat atgcatttcc	30
233	<210> SEQ ID NO: 13	
234	<211> LENGTH: 25	
235	<212> TYPE: DNA	
236	<213> ORGANISM: Agrobacterium tumefaciens	
238	<400> SEQUENCE: 13	
239	agattgaatc ctgttgcggt cttgc	25
242	<210> SEQ ID NO: 14	
243	<211> LENGTH: 21	
244	<212> TYPE: DNA	
245	<213> ORGANISM: Agrostis stolonifera	
247	<400> SEQUENCE: 14	
248	ctgccgcggc gtgcgctgag a	21

VERIFICATION SUMMARY

DATE: 06/14/2005

PATENT APPLICATION: US/10/537,393

TIME: 08:57:49

Input Set : A:\11899.0236.PCUS00.ST25.txt

Output Set: N:\CRF4\06142005\J537393.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date